MAIS

No 30

An Essay

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Diseases of the Liver

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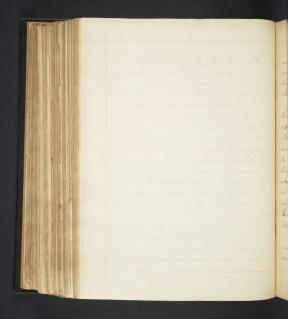
Maneling, h. And South Fordina

Paperd Mount 11th 1823

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Diseases of the Liver The arrangement which I intend pus swind in this difertation is the following 1 Subsuration 2 Cular general from adhering in Manuation. 3 her and ceres of function. 1 Tourhus a permanent enlardement attended with ties of turnours . I Hydatids Ill (Diseases which result from simile derange swent of function. I' Exceptive secretion of bile. as in Cholesal. 9 " Coliciant secretion of bile attend sed with constitution a lienter & southers with

W Mitabel vertical producing source found of the production of production of the sale property course of the form sold property course of the form of



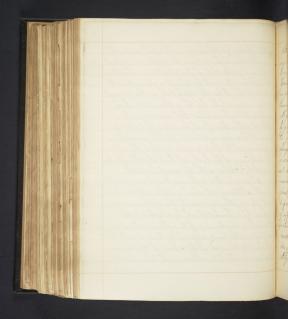
acute Inflammation. Physicians have not count to a conclusion concerning the process or change I shall therefore embrace the opinion which of all When from any cause the discutation is incleased that part of the body being puch predisposed a whose defice we in a date of relacation admits the red become distanded to a date of condition follows. In warm alinates where the action of the circula tion is to a time much increased from the time when of heat, the extreme hanches become debilitat defects & consequently red ficheles are faced into

The enveloping members of the liver; in famous of the liver ; finally the real of active information to the ortered

then, I from heired thees irritated inflammation



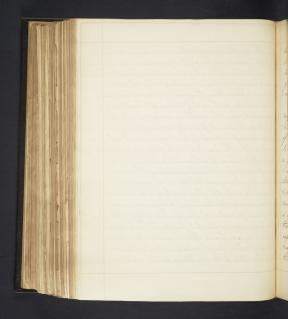
case mad be . When the repels take on this diseased actions al condulable blanks is thrown out which state of supporation if not prevented by broper mea membrane of the lived may be highly inflamed. the entrace of the first will be so shothly affected as not to intesters with the secretion of bile. Buring active inflammation of confulable lamph is thouse out which addutinated the lives with its reighbouring viscosal, thus, if the concard surface be inflamed it will be attached to the Homach or duodenum: it the cullammation is realed out the lower edge of the lives, it will be attached to the arch of the colon, if the convex



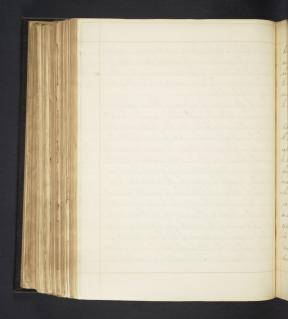
to conduct the matter from the place of its formation. distation of the back to the shoulder blades, cough ed with considerable gover, dreat watchlubuch to carional delicium, extremed thissi, the Kongrey covered diverally with a white crust, caler deny to the mouth b gances; dejection of spirits, courtines hiccords, los appointed & difficulty of lying, excelled on the at feeted side ; prepure on the region of the liver thety & high coloured.



hected Whitenes. When the pain & inflammation ne dealy subrides, death quickly dellows. Or Januadese of be wacu wheel in the carrly of the oldeneed, it will proves gatal. The periods of sufferer ation will debour depends, we may my, sutirely on the use of the landet, for without'st, all is inevitally thon. We are tion if the action of the Samuelas withing with keeps up, we are directed to detract dood tobi cally by cups or beches. Ofthe this we are to admiss the end soline purgatives with a street adherance to w low diel of the salmitans do not field, a



large thise is to be applied over the rection of the wield, it is generally recommended to employ mer cury to salivation. of after vigorously enforcing the authofalogistic regimen, expectours of suffertation should come on of heatment is to be changed from as debit aling, a feether liberal use of wire has mourishing diet. I we are derected, if the abrees should brownt an larvally, to apply a warm pourtice over the past is keep it there until the about should approach a lancet or trochar A is said by Or Thomas, that the phopicians of the East Indies have become inport at opening obscepes of the lives, that they early wait for them to point, but at once perform the of station. In such a case, it appears best to



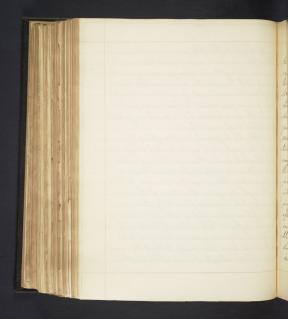
let it alone, for we not only run the risque of miling the absect, but also of producing parito acal inflammation. Ofthe paraming the operation, the wound is to be drefted with some simple out Chronic Intammation. This form of the expoure to cold; but most hedworth it appears to be connected with Bis helite affections. It is the opinion of the Soundes, that this Joine of the descare may be induced by an ill cared active inflam is usually inlarged. The diseased exists before this in of the organ, inflammation will proceed to denote the dances. The expuflous of this stage



tendences to sleep: this deep affords no refreshment; occasionally there is Matulines with an uncarines policies, he becomes very much holiqued, a pain is fell on wither pide, hill most precumble on the letters the patient can only his on one side . The mind is als much desaught, it is very witable with a defeat of memory. The pulse instead of being acarlisated is depresed. The somach sometimes becomes disordered, though the affective suffers but little, it is but soldown diminished. The how els perform their office in a slow imperfect marines, the wine is variable, somtimes deposit



quite lympid. The thirst is not more than material. When the desease has continued this long, the hain in the right side becomes more severe to extends itself forwards the shoulder Ofter these samplous have continued for courtine, the says lim becomes emaciated, the face more partie wholes; the faces become hard, small in quarte to a difficult of evacuation. to the heatment, which is to be conducted report four - wal princepals, mak as bleeding, purging a low diet, until we are certain there are no traces of, inflammation, then we are to undeavour to what a Howigh change in the sisteen, by the use of Consours. With a view of preventing the organ is to be unploved both internally scatterally until solivation is induced, which is to be held who for two or three weeks. Without this counied sation all our attempts at a cure will be heaitlets.



after the disease has reen on sourtime the liver falls into a state of scirch onto from the lines happened independent of previous inflamma tion. In this case the liver, is either enlarged or diminished in size, but in ather case it is in -durated In this stage our only hond lies in the judicious employment of mescury. Calomel in small dores combined with some other pur fa tive is generally used in the commencement confound with venescation, sastering so. alles the reduction of arterial excitement however, practitioners are furerally most found of the blue hill in done of ivorys three times a day for the purpose of raising a constitutional action. Il Almors to me, that this remedy is efficacious chielly in fromoling absorblion of the effused coaquila ble bypuff I exciting a secretion of hile !! iritaling preparation.



With the exception of adhesions, the lives is most subject to tuberales in to substance. They add one hand more to old age, the south is very sel down affected with thein. This appears to be on ing to the greater quantity of calcarieous a earth, malles existing in the blood of the old subject. Al ard led to this conclusion, from seing the Lonce in old people becoming wille show a want of animal matter Nour this additional deposition of matter, we readily understand the famation of the most common tuberales of the lively. There are no exact youthours by which we can ascertain the nature tappear and of the different Narieties of tuberdes to which the liver is hiable. When the common tubes cles exist, the lives, is Early increased in size, that there is paint & uneasines in the right hepocondrium. When the parieties of the abdomen are then the teches ches returated whom the lower tantition purpage ofthe liver, they may be felt with the finget.



The white tabercles are famed first, yoursall; about the waternal bleed riple, but southing relative

he surface. When they exist, which is very rare, the has a part sauch inservered in rige. We present of laborate leists in the lives, though very seldown, resunding tuberales of the heart, From their of versaming tuberales of the heart, their his laborate which they have been appeared to be to have to be surfaced to the history is shown there they have the history is shown them they industred I entered to the history is

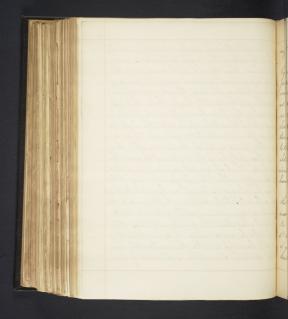
and the point in which the hier well of the all the said the fire and the forther for the said the fire of the proper the said th

of facility without the affect and of any titler

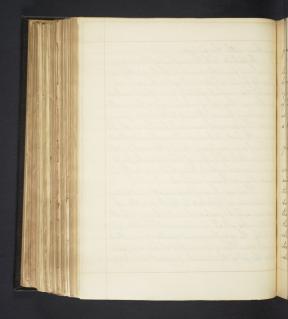
a call intestitial absorbte on In the process, the parts are removed insensibly of the absorbents,

without ulcuation. The sopreplous of these silver and tuber les are so nearly the same, that it

would be useles to notice them seperately when ther existence can only be used award by feel



and then with the finger. Hydalide. With the exception of the kidney's they are most prequently found in the lives, . They are gurerally found in costs reach cept contains one of warlof those animals floatury in a plaid contain ad there in. They are of various sizes to the smallest ard soulines gound allached to the larger forming dustits. They are most commonly found in the sub-Harred of the lives, but are sometimes found alla who to the out ride, occupying a part of the cavity of the abdonew. To to the origin of these animals physic cians have not agreed, though it is generally be lived they are living animals. There are no expufitours directly indicating the existence of Holdalide in the livel & that did case can only be quefeel at in the living subject. In two cases which carrie under the notice of 6 Baily, the symptoms were similar to an allack of fall stone. Here was a violent epasmodic pair near the pit of the downach, prequent consistings



foundice with a pulse not accelerated. In the management of tubescles, our only resource lies in the use of mercury. Calonel is to be active by employed faw long time or at least until a change is produced in the herelion of bild In the treatment of tubercles we are not to overlook the occasional wer of cuthartics & aproper regulated diet, which is to be low. We west come to diseases which result from simple delanguent of junction. The most muple derangement of the liver, is where there is a simple morease of its secretion, but when the secretion is very immoderate, it subjects the patient to great inconveniance x to dangerous disease. In warm weather & particularly in the East Indies this derangement is very frequent, though the person should be particular in rog relating his diet is escaped the seduction of in temperance It is observed by witers on tropical climates, that the natives are not is subject



to disease from an increased secretion of lite, as stran yas. This is quited intelligible; the natives are of atting attenuated & contracted habit, which shows that the artistical action is carried on languidly; in the foreignes the Nascular sphing is full to active is as it is hiereas ed by heat, so is the secretion of bile, for the searction of ale is generally in direct proportion to the quantity of blood circulating Mough the lives . W Tohnson thinks heat aloue, is capalle of increasing the se extion of lile, as well as of producing more serious diseases of the liver. This, however, does not appear to me exactly timable. Briasmata, Sconneive, must always be combined with head to produce such effects.

The discuss consequent on an invocased secretion of bile, are to oursery, that I shall only are thou as few of them. The thenies of four and almost as summone as the cases; but believes four defends outly, if not interely, whom as interelast secretion of like. While the lake is perfectly into this makeral



popages, a poliow of do malery part is absorbed I carried into the circulation, which gives the

shin a ofellow lings, while the more active part is poured wito the duodenwest, producing ranseal,

habrely, foul longue & Nomiting, the usual expus

Land of belious fever. It is the opinion of the Stearers,

that bile in maliferant genere, is lakew from the

intestines & carried into the circulation by the law

trals. But it appears mad probable, that either Diar Theat a Cholesa Makes would be induced previous

to its absorption a rather before a sufficiency would

be absorbed to produce a fever. His the openion of

O Sounders, as well as most other authors, that bile

is not the cause of bilious fives . He observes , that

nausea 4. Nomiting is produced by an inflamma

tion of the postous & uffer surface of the decoderum

I the bile found in the somach is the effect & not

the cause of fever. as it has never been proved,

that inflammation preceded the admission of bile

into the stomach, it offeers most probable to me,

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that the inflammation is the affect of the acrimoney of the bile by ain, that juve does defend ofen a ribiated herition of belo, is evident from the disease being preparably recovered upon the or retion of the notified bile a spon retoing the se actory agan to its healthy condition.

I to the opinion of & Turneles that the discharge in thooler their shoot in the obligation to be the obligation in the state of his pensed we the opinion, that there are the december of its pensed we to the december of the forther excellation of the beach, a governed of a red elebelles under from the capillary sights into the point beliation to the december of the the december of the total the december of the object of the december of the dec

The main object in the treatment of bilens fund is to correct the secretion of bile & carry it

a See A 9 out of the uplan. Mith the dien, calkarties ap par to be the most appropriate remedy. Emelies

- jour to be the most appreciable remedy. Condiss are presently given; but as they encoured the se writing of the receive our surveinable action in the Houseast & surfleming parts "as but councer to main in the Houseast brithout desping up disease,

they ought to be laid aside, & calkarties instituted. Invalence is generally resulted to us a corrective of a

diseased liver; but as it has a tendency to increase the secretion, it ought not to be resold to in such

cases Chmu Halle & other like callbarties not only bust man speedy & effectually, but they also affect

qualit relief, to the sufferings of the patient In the

manaferrent of bholis morbus, I has been recom-

with a new of obtaining the action one of the bile

be all of irritation, which is effectually done by the favored & opium I'm lawart is to be surployed though the pulse should not inclose it . The pulse



in this case is at depleped pulse, therefore if, there spears to be admind action in the within, in are to all others, it is to be regulated according to accountances. From the affect of Jums on the whom, it has been very much extend in this disease. From the infect of the bird with the disease, with the speak of considering the carried of converged to the line as the converged to the line at who at some becomes the adjust with the all of the converged to the line at whom the converged to the line at whom the converged to the line and converged to the line at which we want to be converged to the line at which all converges to the line and the line

from the intellines . The particular article to be and, is left to the choice of the prachitioner . Gran add combined and baleined magnesia has been unflafed with advantage.

are to be employed to carry the remaining bile

Sand proceed to that tate of the liver where he rearlion of bile is partly a entirely mofunded.

Belo is the natural par falow of the intestines to when it is wanting, a variety of diseases make the appearance (by defect in the structure of the



but, may entirely inspond the nestition of bile; it is known prejurally dependant on a chronic inflam. mation of the lives. When his organ is in a services condition a leaded with substiles it performs its affects as a service of gland, orly imposfielly.

Os bile is the natural stimulus of the intestines, I consequently follows, that when it is by any necaus prevented found gilling into the intestines, cousti -pation ensures. That there is in constitution a defecincy of bile, we conclude from all regelable al. imends having a tendency to sun into the accious formentation as well as four the fact that seascely any lings of that fluid appears in the evacuations. I was once supposed that the vile toly would under to the patrefactive germentation; but it is now discovered to be a powerful antiseptio. Orling upon this idea, that a deficiency of bile proves the chief cause of constitution Or Worach was led to the administration of repealed contics in that disease, with a view of exciting an abund



and rection of what I have already stated to be the natural purgative of the intestines. (In his paper, in I two of the he Mak meet to pay! Sourceal.) That Diarrhaal & Opportery are after defendant whom a want of bile is undired probable by the fact, that the evacuations are very rarely mixed with

any pation of that fluid, but more evidently from this circumstance, that we begin to experience relief, in those diseases immediately after our remedies have

excited a discharge of that fluid.

The healment of the two last wentioned dis cuses is Narious, but that laid down by bothapman is I believe, generally prefered.

Wiliated recretion of hile producing several forms of lower complaints & producing, as is now suffered by most Pathologists, the most preguent cause of Hypocondriasis & other nervous diseases, such as Pappepria, Chorea de.

Do bell in to pure or vitialed date, cannot rmain in the stomach without producing disease,



it appears from the symptoms, that it is secondarily of ficted in Respecondriasis. As bile is the proper puryon tire of the intestines, we discover in Hospocondreasis, as one of the first spuftours, a degree of constitution, which adds to the production of all those depagreeable Manflows which characterize the disease. It was suf pored, that as the stournah was debilitated by grif, Vanniety, that the state of this a you had such an effect on the liver as to derange its secretion room requestly was the real of the disease. But as we know such a desangement of the lives will produce those effects on the mind, we conclude that the disease is consequent upon such a disangement. We are more more particularly confirmed in the opinion, by being salisfied, by buthouty, that a chronic inflammation of the liver may init for soutime before any derange ment of the Sourach halves place & from hepatic oc curing more prequently than fastive diseases. Oppoprial is finetally suffered to be ouring to a

maliel secretion of the stowach; that by looking wite

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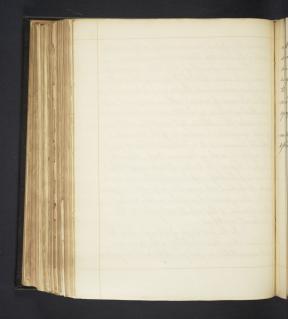
the sopressions as laid down by authors, we are led to believe the opinion incorrect. Unroug the first expense tous are naurea aftended with a Jurred tourque which are said by most authors to indicate hepatic de rangement. Afain, the disease is at most, alway a companion of those who lead a sedentary life. do we know the process of difestion is carried on with greater facility when the body is in a state of rest, we cannot hippore that the disease primarily defends whom the desargement of the stomach, but rather up on a diseased lives, which is hought on by leading an inactive life. as a certain degree of exercise is actually necessary to the keeping up a healthy secre tion of bile, it is evident, that if this exercise is not taken, the liver will fall into a torfiel state, which eventually will take on disease, it as the substance, of the lever is deseased, so will be the secretion . Then by a regarditation of this vitiated bile into the Howach!, all such symptoms are produced as are sun in appepial. That a regargitation does take

blace, is wident from sa/mittoms already noticed, & that it is viliated, is likewise evident from its not ropeping the necessary timulus to move the inter tines which are in a state of topa. We do not down, that the disease does sorutines defrend apour a diseased condition of the stomach, but not so pe quently, ag whom a dilitated redetion of bile. Charal most preprently depends upon irritating matter in the alimentary canal. The bile by being so - orthed by a diseased liver, acquires a character Jacides to its nature, which in combination with hardened Jaces, makes such an impression on the tender nerves of the intestines, as to affect the whole often. Os all spasmodic discover depend whom an affection of the surver, so we suppose, whose is produced, from the nerver of the intertines being affected, which is indicated by a fluttering pain first fall in the left inspecondrum. a degree of sparm also takes place

to some part of the intestines, elve there would not be such a complex state of constipation. By the

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surves of the intestines communicating with various parts of the body, they likewise take our spaner. The management of these lattet diseases are so wearly the same, that I shall include there all under one feveral head. They may, if Nather in times, all be overcome by exercise, with an occasional use of cathasting & proper regulated deit. Cathastics not only move the intestines, but corrects the sectetion of hile & promotes its discharge. If the stomach should become weak is debilitated, tonics are to be employed, such as Preurian Bark, Colimbo, Quapa & Hoperce. The tinoture of hops, sarg Or le hap man is particularly areful in despetinia of drunk ards. As loaloured acts more like a specific in glan dulat delan general, it may be employed in these diseases, if they should not yield to the treatment mentioned. "In the first stage of Chorea, while the intestines retain their sensitility to the foces are not accumilated in great quantity, mild pur fatives



will answer; but in the second stage, where there is conversions, abouted appetited is impared difertion, mad powerful pur fatives are to be employed in such a marrier as that the latter down will suffert the effects of the farmer, till the movement & expul sion of the accumilated matter is affected, when expuftions of returning health will appear. Other the lowels have been thoroughly wa cuated, in order to five home to them & the general replien, towies are to be employed (Hamilton).

